## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref<br># | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|--|---------------------|---------|---------------------|
| L1       | 3084 | 705/8.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2009/07/15<br>18:42 |
| L2       | 1    | 10/707974.app.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2009/07/15<br>18:42 |
| L3       | 40   | ((BRIAN) near2<br>(DENTON)).INV.  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR                  | ON      | 2009/07/15<br>18:42 |
| L4       | 97   | ((ROBERT) near2<br>(MILNE)).INV.  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR                  | ON      | 2009/07/15<br>18:42 |
| L5       | 22   | ((ROBERT) near2<br>(ORZELL)).INV.   | US-PGPUB;<br>USPAT;<br>USOCR                       | OR                  | ON      | 2009/07/15<br>18:42 |
| L6       | 2    | ("5943484"<br>"5971585").pn.  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR                  | ON      | 2009/07/15<br>18:42 |
|          | 99   | US-20050171825-\$. DID. OR US- 20060043171-\$. DID. OR US- 6219653-\$.DID. OR US-5615109-\$.DID. OR US- 20060045244-\$. DID. OR US- 6882983-\$.DID. OR US-20060243792-\$. DID. OR US- 20020107794-\$. DID. OR US- 20070012541-\$. DID. OR US- 20050149415-\$. DID. OR US- | US-PGPUB;<br>USPAT;<br>USOCR                       | OR                  | ON      | 2009/07/15<br>18:42 |

| 4964053-\$.DID. OR | }                                     | }    |     | Ę |
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| · ·                |                                       |      |     |   |
| US-20070112650-\$. |                                       |      |     |   |
| DID. OR US-        |                                       |      |     |   |
| 5297030-\$.DID. OR |                                       |      |     |   |
| US-5997170-\$.DID. |                                       |      |     |   |
| · ·                |                                       |      |     |   |
| OR US-5422468-\$.  |                                       |      |     |   |
| DID. OR US-        |                                       |      |     |   |
| 20050044040-\$.    |                                       |      |     |   |
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| 5659166-\$.DID. OR |                                       |      |     |   |
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| US-20050197915-\$. |                                       |      |     |   |
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| 5740427-\$.DID. OR |                                       |      |     |   |
| US-6889106-\$.DID. |                                       |      |     |   |
| OR US-5790677-\$.  |                                       |      |     |   |
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| DID. OR US-        |                                       |      |     |   |
| 20040117048-\$.    |                                       |      |     |   |
| DID. OR US-        |                                       |      |     |   |
| 5864825-\$.DID. OR |                                       |      |     |   |
| US-20040117227-\$. |                                       |      |     |   |
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| 5966697-\$.DID. OR |                                       |      |     |   |
| US-5202825-\$.DID. |                                       |      |     |   |
| · ·                |                                       |      |     |   |
| OR US-6014648-\$.  |                                       |      |     |   |
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| 7158948-\$.DID. OR |                                       |      |     |   |
| US-6032859-\$.DID. |                                       |      |     |   |
| OR US-6006199-\$.  |                                       |      |     |   |
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| 6101482-\$.DID. OR |                                       |      |     |   |
| US-6355290-\$.DID. |                                       |      |     |   |
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| 6393332-\$.DID. OR |                                       |      |     |   |
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| OR US-6397118-\$.  |                                       |      |     |   |
| DID. OR US-        |                                       |      |     |   |
| 6397194-\$.DID. OR |                                       |      |     |   |
| US-6415194-\$.DID. |                                       |      |     |   |
|                    |                                       |      |     |   |
| OR US-6533168-\$.  |                                       |      |     |   |
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| 6415195-\$.DID. OR |                                       |      |     |   |
| US-6564996-\$.DID. |                                       |      |     |   |
| OR US-6430540-\$.  |                                       |      |     |   |
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| US-6885902-\$.DID. |                                       |      |     |   |
| OR US-6928411-\$.  |                                       |      |     |   |
| UN UJ US 20411-\$. |                                       |      |     |   |
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| 20020084320-\$.    |  |   |  |
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| 20020072988-\$.    |  |   |  |
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| 20020093568-\$.    |  |   |  |
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| 20030126024-\$.    |  |   |  |
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| 20020161641-\$.    |  |   |  |
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| 20050197918-\$.    |  | uman and a second                       |  |
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| 6654655-\$.DID. OR |  | · · · · · · · · · · · · · · · · · · ·   |  |
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| 20050211773-\$.    |  |   |  |
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| 20060265287-\$.    |  | · · · · · · · · · · · · · · · · · · ·   |  |
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| 20060036732-\$.    |  |   |  |
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| 20040049415-\$.    |  | 1                                       |  |

|    |     | DID. OR US- 20060100932-\$. DID. OR US- 4379334-\$.DID. OR US-5285392-\$.DID. OR US-5586787-\$. DID. OR US- 5025372-\$.DID. OR US-4993714-\$.DID. OR US-5310997-\$. DID. OR US- 5278396-\$.DID. OR US-5434394-\$.DID. OR US-5595264-\$. DID. OR US- 5638519-\$.DID. OR US-5638519-\$.DID. OR US-5644219-\$.DID. OR US-5666493-\$. DID. OR US- 5868236-\$.DID. OR US-5680314-\$.DID. OR US-5680314-\$.DID. OR US-5758329-\$.DID. OR US-6227707-\$.DID. OR US-5765143-\$. DID. OR US- 6561417-\$.DID. OR US-5890136-\$.DID. OR US-5893076-\$.DID. OR US-5893076-\$.DID. OR US-5987423-\$.DID. |  |    |    |                     |
|----|-----|---|--|----|----|---------------------|
| L8 | 481 | (\$schedul\$3) near5<br>(order production<br>manufactur\$3) with<br>(further furthest late<br>later latest)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L9 | 134 | (\$schedul\$3) near5<br>(order production<br>manufactur\$3) with<br>(furthest latest)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |

| L10 | 227 | (linear adj program<br>\$4) same (\$schedul<br>\$3 allocat\$3 assign<br>\$5) with (order<br>produce producing<br>production<br>manufactur\$3<br>assembl\$3 fabricat<br>\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
|-----|-----|---|--|----|----|---------------------|
| L11 | 321 | (linear adj program<br>\$4) same (\$schedul<br>\$3 allocat\$3 assign<br>\$5) with (order<br>request require\$5<br>purchase requisition<br>\$3 produce<br>producing<br>production<br>manufactur\$3<br>assembl\$3 fabricat<br>\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L12 | 321 | (linear adj program<br>\$4) same (\$schedul<br>\$3 allocat\$3 assign<br>\$5) with (order<br>request require\$5<br>purchase purchasing<br>requisition\$3<br>produce producing<br>production<br>manufactur\$3<br>assembl\$3 fabricat<br>\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L13 | 245 | (linear adj program \$4) same (\$schedul \$3 allocat\$3 assign \$5) with (order request require\$5 purchase purchasing requisition\$3 produce producing production manufactur\$3 assembl\$3 fabricat \$3) and (minim\$7 optim\$7 reduc\$5 lower\$3 less\$2 decreas\$3) with (inventor\$3 reserves stock\$4 suppl\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |

|     |      | resource store)   |  |    |        |                     |
|-----|------|---|--|----|--------|---------------------|
| _14 | 168  | (linear adj program \$4) same (\$schedul \$3 allocat\$3 assign \$5) near5 (order request require\$5 purchase purchasing requisition\$3 produce producing production manufactur\$3 assembl\$3 fabricat \$3) and (minim\$7 optim\$7 reduc\$5 lower\$3 less\$2 decreas\$3) near5 (inventor\$3 reserves stock\$4 suppl\$3 resource store) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | N<br>N | 2009/07/15<br>18:42 |
| L15 | 6422 | ("just in time" just\$in<br>\$time "just-in-time")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON     | 2009/07/15<br>18:42 |
| L16 | 1    | 10/747726.app.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON     | 2009/07/15<br>18:42 |
| L17 | 1    | "6088626".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ····ON | 2009/07/15<br>18:42 |
| L18 | 32   | sort\$3 with (quantit<br>\$3 and flexib\$7 and<br>date)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON     | 2009/07/15<br>18:42 |
| L19 | 1342 | (forward backward)<br>near2 schedul\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON     | 2009/07/15<br>18:42 |

| L20 | 21  | (forward backward)<br>near2 schedul\$3<br>and (linear adj<br>program\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
|-----|-----|--|--|----|----|---------------------|
| L21 | 41  | (forward backward)<br>near2 schedul\$3<br>with (production<br>manufactur\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L22 | 107 | (job adj schedul\$3)<br>with (production)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L23 | 8   | US-6498786-\$.DID. OR US-6898472-\$. DID. OR US- 7164959-\$.DID. OR US-20020133387-\$. DID. OR US- 20020188499-\$. DID. OR US- 20020198757-\$. DID. OR US- 20030149631-\$. DID. OR US- 20030208392-\$. DID. OR EP- 0425405-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L24 | 784 | (production<br>manufactur\$3)<br>near5 (plan\$4)<br>near5 (horizon<br>period)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L25 | 80  | (production<br>manufactur\$3)<br>near5 (plan\$4)<br>near5 (horizon<br>period) near10 (start<br>\$3 begin\$5 initial)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |

| 26  | 782 | (\$schedul\$3 allocat<br>\$3 assign\$5) near5<br>(order produce<br>producing<br>production<br>manufactur\$3<br>assembl\$3 fabricat<br>\$3) and (part<br>component element)<br>near5 (receiv\$3<br>receipt accept\$3<br>acqui\$7 obtain\$3<br>procur\$5) near5<br>(earl\$4 soon\$2<br>ahead before<br>advance\$1)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15          |
|-----|-----|---|--|----|----|---------------------|
|     | 9   | (\$schedul\$3 allocat<br>\$3 assign\$5) near5<br>(order produce<br>producing<br>production<br>manufactur\$3<br>assembl\$3 fabricat<br>\$3) near20 (part<br>component element)<br>near5 (receiv\$3<br>receipt accept\$3<br>acqui\$7 obtain\$3<br>procur\$5) near5<br>(earl\$4 soon\$2<br>ahead before<br>advance\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR |    | 2009/07/15<br>18:42 |
| L28 | 23  | (\$schedul\$3 allocat<br>\$3 assign\$5) near5<br>(order produce<br>producing<br>production<br>manufactur\$3<br>assembl\$3 fabricat<br>\$3) same (part<br>component element)<br>near5 (receiv\$3<br>receipt accept\$3<br>acqui\$7 obtain\$3<br>procur\$5) near5<br>(earl\$4 soon\$2<br>ahead before<br>advance\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15          |

| L29 | 29   | ("4459663"   "4646238"   "4796194"   "4827423"   "4864507"   "4866628"   "4887218"   "4888692"   "4924385"   "5040123"   "5172313").PN. OR ("5285392").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON | 2009/07/15<br>18:42 |
|-----|------|--|--|----|----|---------------------|
| L30 | 2373 | (\$schedul\$3 allocat<br>\$3 assign\$5) same<br>(releas\$3 near2<br>order)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L31 | 291  | (\$schedul\$3 allocat<br>\$3 assign\$5) near10<br>(releas\$3 near2<br>order)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L32 | 78   | (\$schedul\$3) near5<br>(releas\$3 near2<br>order)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L33 | 24   | (\$schedul\$3) near5<br>(release adj order)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L34 | 146  | (\$schedul\$3 allocat<br>\$3 assign\$5) near5<br>(order produce<br>producing<br>production<br>manufactur\$3<br>assembl\$3 fabricat<br>\$3) and (part<br>component element)<br>near5 (receiv\$3<br>receipt accept\$3<br>acqui\$7 obtain\$3<br>procur\$5) near5<br>(earl\$4 soon\$2<br>ahead before<br>advance\$1) near5<br>(date time schedule) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |

| L35 | 7    | (receiv\$3 receipt<br>accept\$3 acqui\$7<br>obtain\$3 procur\$5)<br>near5 (part<br>component) near10<br>(begin\$5 earl\$4 start<br>\$3 commence\$4<br>initiat\$3) near7<br>(period\$2 horizon<br>cycle interval stage)<br>near5 (plan\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
|-----|------|---|--|----|----|---------------------|
| L36 | 1036 | (receiv\$3 receipt<br>accept\$3 acqui\$7<br>obtain\$3 procur\$5)<br>near5 (part<br>component) near15<br>(begin\$5 earl\$4 start<br>\$3 commence\$4<br>initiat\$3) near5<br>(period\$2 horizon<br>cycle interval stage)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L37 | 467  | (receiv\$3 receipt<br>accept\$3 acqui\$7<br>obtain\$3 procur\$5)<br>near5 (part<br>component) near5<br>(begin\$5 earl\$4 start<br>\$3 commence\$4<br>initiat\$3) near5<br>(period\$2 horizon<br>cycle interval stage)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L38 | 48   | (receiv\$3 receipt accept\$3 acqui\$7 obtain\$3 procur\$5) near5 (part component) near5 (begin\$5 earl\$4 start \$3 commence\$4 initiat\$3) near5 (period\$2 horizon cycle interval stage) and (\$schedul\$3 allocat\$3 assign\$5) near5 (order produce producing production manufactur\$3 assembl\$3 fabricat \$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |

| L39 | 285 | (receiv\$3 receipt<br>accept\$3 acqui\$7<br>obtain\$3 procur\$5)<br>near5 (part<br>component) near5<br>(begin\$5 start\$3)<br>near5 (period\$2<br>horizon cycle<br>interval stage)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
|-----|-----|---|--|----|----|---------------------|
| L40 | 32  | (receiv\$3 receipt accept\$3 acqui\$7 obtain\$3 procur\$5) near5 (part component) near5 (begin\$5 start\$3) near5 (period\$2 horizon cycle interval stage) and "70"\$.ccls.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L41 | 299 | (\$schedul\$3) near5<br>(procur\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L42 | 113 | (\$schedul\$3) near5<br>(procur\$6) and<br>(manufactur\$3<br>production) near5<br>(plan\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L43 | 14  | \$schedul\$3 near10<br>(purchas\$3 procure<br>\$5 recei\$4) near5<br>(part component)<br>near20 (reduc\$5<br>decreas\$3 less\$3<br>cut lower) near5<br>(inventor\$3 stock<br>storage) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |
| L44 | 1   | "5233533".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/07/15<br>18:42 |

## 7/15/2009 6:50:18 PM

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